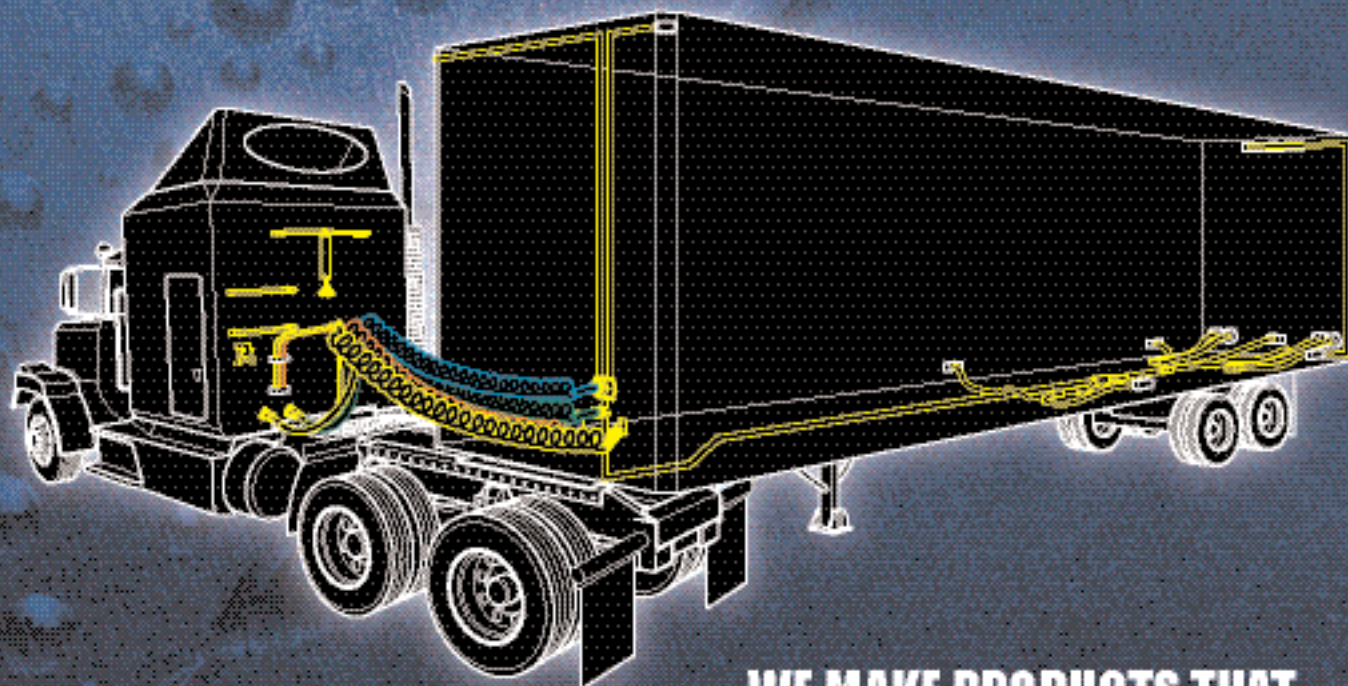


FLEET ESSENTIALS

QUICK REFERENCE GUIDE



**WE MAKE PRODUCTS THAT
MAKE A DIFFERENCE™**

PHILLIPS

12070 Burke Street
Santa Fe Springs, CA 90670
800-423-4512 Fax: 800-597-7757

www.phillipsind.com

QCP™ (Quick-Connect Plug) Assemblies



4/12, 2/10 & 1/8 ga. ABS Trailers

Part No.	Description
30-9324	12', w/ Quick-Connect Plug
30-9624	15', w/ Quick-Connect Plug
30-9924	15', 48" lead w/ Quick-Connect Plug

- When downtime is not an option
- Best for ABS applications
- Replaceable cartridge for quick & easy repair
- Plug is sealed for corrosion protection
- Temperature rating -55°F to 230°F (-48°C to 110°C)
- Excellent ratings for recoil memory, chemical resistance & abrasion resistance

For a complete listing of electrical assemblies, see our full line catalog.

ABS PERMACOIL™



4/12, 2/10 & 1/8 ga. ABS Trailers

Part No.	Description
30-4320	12', w/ two PERMAPLUGS™
30-4321	12', w/ two zinc die-cast plugs
30-4620	15', w/ two PERMAPLUGS™
30-4621	15', w/ two zinc die-cast plugs

- Good for ABS applications
- Temperature rating -90°F to 125°F (-68°C to 52°C)
- Good ratings for recoil memory, chemical resistance & abrasion resistance

For a complete listing of electrical assemblies, see our full line catalog.

PERMACOIL™



6/14 & 1/12 ga. NON-ABS Trailers

Part No.	Description
24-4321	12', w/ two zinc die-cast plugs
24-4621	15', w/ two zinc die-cast plugs

- For standard 7-way applications, NON-ABS equipped trailers
- Temperature rating -90°F to 125°F (-68°C to 52°C)
- Good ratings for recoil memory, chemical resistance & abrasion resistance
- Zinc die-cast housing, reinforced for durability

For a complete listing of electrical assemblies, see our full line catalog.

ABS LECTRAFLEX™



4/12, 2/10 & 1/8 ga. ABS Trailers

Part No.	Description
30-2050	12', w/ two PERMAPLUGS™
30-2071	15', w/ two zinc die-cast plugs

- For ABS applications
- Temperature range -40°F to 150°F (-40°C to 66°C)
- Good ratings for chemical resistance & abrasion resistance

For a complete listing of electrical assemblies, see our full line catalog.

Liftgate Assemblies



Two 4 ga. Fine Stranded Copper

Part No.	Description
23-2326	Dual pole - 12', 1 ground, 1 hot, 100 amp capacity
23-2626	Dual pole - 15', 1 ground, 1 hot, 100 amp capacity
23-4325	Single pole - 12', 1 hot, 100 amp capacity
23-4625	Single pole - 15', 1 hot, 100 amp capacity

- Excellent ratings for recoil memory, chemical resistance & abrasion resistance
- Temperature ratings -55°F to 230°F (-48°C to 110°C)
- Zinc die-cast housing, reinforced for durability

For a complete listing of electrical assemblies, see our full line catalog.

Part No.	Description
16-730	PERMAPLUG™

- Unbreakable DuPont Super-Tuff Nylon® housing
- 360 degree cable compression fitting holds cable tight
- Housing resists magnesium chloride, salt, oil, grease and fuels
- ABS insert protects housing from impacts
- Easy replacement insert

For a complete listing of electrical plugs, see our full line catalog.

PERMAPLUG™

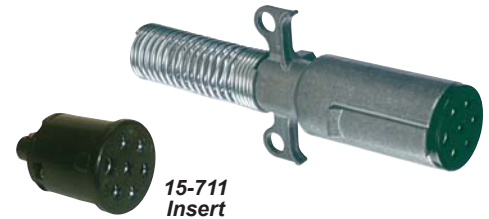


Part No.	Description
15-730	Industry-standard plug w/ cable guard

- Reinforced zinc die-cast for durability
- 15-731 replacement cable guard
- Large finger grips to accommodate gloves
- Easy replacement insert

For a complete listing of electrical plugs, see our full line catalog.

Zinc Die-Cast Plug



Part No.	Description
15-335	Single pole plug
15-336	Dual pole plug

- Industry-standard plug
- Zinc die-cast housing, reinforced for durability

For a complete listing of electrical plugs, see our full line catalog.

Liftgate Plugs



Part No.	Description
16-720	2-hole, wire insertion
16-724	Replacement socket — 2-hole, bullet termination, recommended for use with Phillips QCS2®

- For protection against corrosion, use socket boot P/N 15-740
- Inner cavity sealed to prevent corrosion from passing to wire harness
- Extended front barrel for additional cable support

For a complete listing of electrical sockets, see our full line catalog.

STA-DRY® Wire Insertion Socket



Part No.	Description
15-720	2-hole, wire insertion, split pin

- Zinc die-cast housing for durability
- Elongated holes for mounting adaptability
- Stainless steel hinge pin and spring for long-life
- Full-opening lid
- Angled 5° for water drainage
- Reduce exposure to contaminants & moisture, use socket boot P/N 15-740

For a complete listing of electrical sockets, see our full line catalog.

7-Way Socket



STA-DRY® 7-Way Socketbreakers



Part No.	Description
16-762	With 20 amp circuit breakers, split pins
16-763	With 30 amp circuit breakers, split pins

- Inner cavity sealed to prevent moisture from passing to wire harness
- Anti-Corrosive, DuPont Super-Tuff Nylon® housing
- Stainless steel hinge pin and spring for long life
- Circuit breaker can be changed in 30 seconds
- Raised interior ribs for moisture exit
- Includes neoprene closed cell sponge mounting gaskets

For a complete listing of socketbreakers, see our full line catalog.

7-Way Socketbreakers



Part No.	Description
15-760	Without circuit breakers, split pin
15-761	With 15 amp circuit breakers, split pin
15-762	With 20 amp circuit breakers, split pin
15-763	With 30 amp circuit breakers, split pin

- Stainless steel hinge pin and spring for long-life
- Full-opening lid
- Includes neoprene closed cell sponge mounting gaskets
- Circuit breaker can be changed in 30 seconds

For a complete listing of socketbreakers, see our full line catalog.

Liftgate Sockets



Part No.	Description
15-320	Single pole socket, for use with 4 gauge, 5/16" lug
15-326	Dual pole socket

- 100 amp capacity
- Zinc die-cast housing for durability
- Solid brass pins
- Elongated holes for mounting adaptability
- Stainless steel hinge pin and spring for long-life
- 5/16" stud size for lugs

For a complete listing of electrical sockets, see our full line catalog.

STOW-A-WAY™



Part No.	Description
15-041	1 plug, 2 gladhand holder
15-042	2 plug, 2 gladhand holder

- 32% of truckers Workmen's Comp claims are from accidents occurring behind the cab, according to leading insurance carriers
- Offers safe, easy storage for coiled electrical cable and air lines when not in use
- Anti-corrosive, durable housing
- Air & electrical can be coupled/uncoupled with both feet on the ground

For a complete listing of cable support products, see our full line catalog.

Pogo Sticks



Part No.	Description
17-0400	40" chrome
17-0401	40" gold chromate

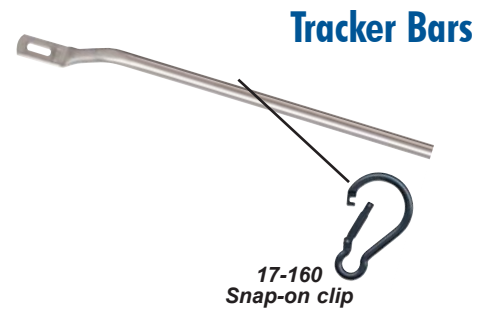
- Designed for use with heavier ABS cables
- Can accept STOW-A-WAY™ (15-041, 15-042), needs 17-039 mounting kit
- Can accept gladhand holder (15-039)
- Aircraft-quality 7/16" mounting bolt
- Includes 3-hose holder
- Extra heavy-duty 8" coated spring for corrosion resistance

For a complete listing of cable support products, see our full line catalog.

Part No.	Description
17-148	Replacement kit, 20" spring
17-420	Replacement kit, two 16" springs

- Kit includes snap-on clip, sleeve, 3-hose holder & spring(s)
- Snap-on clip for easy replacement

For a complete listing of cable support products, see our full line catalog.



Part No.	Description
11-312	12' pair (red & blue)
11-315	15' pair (red & blue)

- Industry-standard nylon tubing
- Vertical at the tractor end, angled at the trailer end to prevent hose kinking
- Includes thread seal for secure connection to gladhand
- Single piece trailer side & three-piece tractor side fittings
- Plated steel spring for cable support

For a complete listing of air assemblies & connectors, see our full line catalog.

Heavy Duty Coiled Air



Part No.	Description
11-3120	12' working length, pair (red & blue)
11-3150	15' working length, pair (red & blue)

- Perfect for frequent coupling/uncoupling
- Extra-long brass handle adds cold weather coupling/uncoupling leverage
- Extra-long plated spring adds life to nylon tubing ends
- Vertical at the tractor, angled at the trailer end to prevent hose kinking
- Includes thread seal for secure connection to gladhand & chassis

For a complete listing of air assemblies, see our full line catalog.

POWER GRIP™



Part No.	Description
12-006	Service, blue
12-008	Emergency, red
12-010	Universal

- Wrap-around connector plate provides additional strength
- Powder-coated connector plate for corrosion resistance
- Zinc-coated detent plates
- Keyed for positive connection
- E-coated screws for corrosion protection
- For use on aircoil, tractor & trailer
- 1/2" pipe port

For a complete listing of gladhands, see our full line catalog.

Straight Mount Gladhands



Part No.	Description
12-136	Service, blue, bottom port
12-138	Emergency red, bottom port

- Wrap-around connector plate provides additional strength
- Powder-coated connector plate for corrosion resistance
- Zinc-coated detent plates
- Keyed for positive connection
- E-coated screws for corrosion protection
- For use on trailer
- 3/8" pipe port

For a complete listing of gladhands, see our full line catalog.

Angle Mount Gladhands (38°)



QWIK-E® Gladhands



Part No.	Description
12-206	1/2" female pipe thread without filter screen
12-236	Angled 3/8" female pipe thread bottom port

- Eliminates trailer tire flat spots
- By reducing brake lining and drum wear, thousands of dollars are saved over the life of the trailer
- Trailer brakes are released up to 50% faster
- Quick-release valve and gladhand combined
- Anodized housing for corrosion protection
- For use with ABS and non-ABS brake systems

For a complete listing of gladhands, see our full line catalog.

Gladhand Seals



Part No.	Description
12-012	Wide lip, tapered base for easy insertion, rubber, 100/bag
12-0161	Blue (service), polyurethane, 25/bag
12-0162	Red (emergency), polyurethane, 25/bag
12-0167	Dust flap, black polyurethane, 25/bag*

- Fits all industry-standard gladhands
- *Must be used with filter screen (p/n 12-038)

For a complete listing of gladhand seals, see our full line catalog.

Coiled Air Grips



Part No.	Description
12-600	Pair, (red & blue), clamshell

- Provides extra leverage for coupling/uncoupling gladhands
- One-piece body for easy installation
- Durable and strong; made from solid aluminum
- Corrosion-resistant anodized color coating
- Easy installation - Installs between aircoil and gladhand

For a complete listing of gladhand accessories, see our full line catalog.

Battery Cable

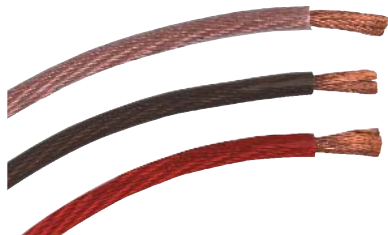


Part No.	Gauge	Pkg.	Length	Stranding	Jacket	O.D.
3-503	4	Box	25'	133 x 26	Red	0.405
3-504	4	Box	25'	133 x 26	Black	0.405
3-511	2/0	Box	25'	259 x 23	Red	0.640
3-512	2/0	Box	25'	259 x 23	Black	0.640

- Rope-style stranding for flexibility
- Easy to strip
- Superior abrasion resistance
- Temperature range -40°F to 150°F (-40°C to 66°C)
- Meets SAE J1127 SGT specifications

For a complete listing of battery cable, see our full line catalog.

CLEAR-VU™ High-Performance Battery Cable



Part No.	Gauge	Pkg.	Length	Stranding	Jacket	O.D.
3-532	2/0	Box	25'	259 x 23	CLEAR-VU™, clear	0.595
3-565	2/0	Box	25'	259 x 23	CLEAR-VU™, red	0.595
3-566	2/0	Box	25'	259 x 23	CLEAR-VU™, smoke	0.595

- Translucent jacketing provides early corrosion detection
- Prevents premature battery replacement
- Rope-style stranding for flexibility
- Superior abrasion resistance
- Temperature range -40°F to 150°F (-40°C to 66°C)

For a complete listing of battery cable, see our full line catalog.

DURAFLEX™ Trailer Cable

7 CONDUCTOR 6/12, 1/10 GA. .640 O.D. <i>Black - Brown - Blue - Green - Red - White - Yellow</i>					
Part No.	Cable Type	Length	Package	Stranding 12 GA.	Stranding 10 GA.
3-221	DURAFLEX™	50'	Box	65 x 30	105 x 30
3-222	DURAFLEX™	100'	Box	65 x 30	105 x 30
3-223	DURAFLEX™	250'	Spool	65 x 30	105 x 30
3-224	DURAFLEX™	500'	Spool	65 x 30	105 x 30



7 CONDUCTOR 6/14, 1/12 GA. .570 O.D. <i>Black - Brown - Blue - Green - Red - White - Yellow</i>					
Part No.	Cable Type	Length	Package	Stranding 14 GA.	Stranding 12 GA.
3-241	DURAFLEX™	50'	Box	41 x 30	65 x 30
3-242	DURAFLEX™	100'	Box	41 x 30	65 x 30
3-243	DURAFLEX™	250'	Spool	41 x 30	65 x 30
3-244	DURAFLEX™	500'	Spool	41 x 30	65 x 30
3-245	DURAFLEX™	1000'	Spool	41 x 30	65 x 30



- Flexible trailer cable suited best for trailer re-wiring
- Black jacket color
- Temperature range - 40°F to 150°F (-40°C to 66°C)

For a complete listing of bulk cable, see our full line catalog.

14 Gauge	Color	Carded Length 20' Blister Pack	100 ft Spool	1000 ft Spool
	Purple	2-1203	2-120	2-1209
Black	2-1213	2-121	2-1219	
Blue	2-1223	2-122	2-1229	
Brown	2-1233	2-123	2-1239	
Green	2-1243	2-124	2-1249	
Red	2-1253	2-125	2-1259	
White	2-1263	2-126	2-1269	
Yellow	2-1273	2-127	2-1279	
Orange	2-1283	2-128	2-1289	
Pink	2-1293	2-129	2-1299	
Red/Black	2-12153	2-1215	—	

Primary Wire



For a complete listing of primary wire, see our full line catalog.

Gauge	Description	Positive	Negative
2/0	Straight clamp	8-1160	8-1161
2/0	Left elbow clamp	8-1260	8-1261
2/0	Right elbow clamp	8-1360	8-1361
2/0	Flag	8-1460	8-1461

Crimpable Battery Terminals



GROUP 31

Gauge	Description	Single	Dual
2/0	Rotating, Group 31	8-1763	8-1863
2/0	Non-rotating, Group 31	8-4763	8-4863



- Copper battery connectors tin plated for added conductivity and corrosion resistance
- Ideal for crimping or soldering
- Exceeds SAE conductivity standard J163 and J1811
- Made in U.S.A.

For a complete listing of battery terminals & accessories, see our full line catalog.

Copper Lugs



GA	#10	1/4"	5/16"	3/8"	1/2"
8	8-2100	8-2101	8-2102	8-2103	8-2105
6	8-2110	8-2111	8-2112	8-2113	8-2115
4	—	8-2121	8-2122	8-2123	8-2125
2	—	8-2131	8-2132	8-2133	8-2135
1	—	8-2141	8-2142	8-2143	8-2145
1/0	—	—	8-2152	8-2153	8-2155
2/0	—	—	8-2162	8-2163	8-2165
3/0	—	—	8-2172	8-2173	8-2175
4/0	—	—	—	8-2183	8-2185

For a complete listing of copper battery lugs, see our full line catalog.

STA-DRY® Crimp Connectors



Part No.	Description
1-1903	56 piece kit
1-1905	3 most popular butt connectors w/ torch - kit
1-1961	20-18 ga., butt connectors, 25/bag
1-1962	16-14 ga., butt connectors, 25/bag
1-1963	12-10 ga., butt connectors, 25/bag

For a complete listing of heat shrink connectors, see our full line catalog.

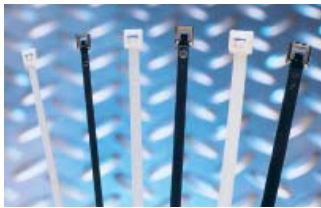
STA-DRY® Flexible Dual Wall Heat Shrink Tubing



Part No.	Expanded ID	After Recovery	Wire Gauge	Color	Pieces & Bag
6-305	0.750"	0.250"	1-2/0	Black	6-6" Pcs.
6-306	0.750"	0.250"	1-2/0	Red	6-6" Pcs.

For a complete listing of shrink tubing, see our full line catalog.

Cable Ties



Part No.	Per Bag	Color & Material	Length Inch/mm	Tie Tensile	Bundle Diameter
8-43087	100	UV Black Nylon	7.5/190.5	50 lb.	1/16 - 1 7/8
8-43117	100	UV Black Nylon	11.2/284.4	50 lb.	1/16 - 3 1/16
8-49147	100	UV Black Nylon	14.5/370.0	50 lb.	1/16 - 4

For a complete listing of cable ties, see our full line catalog.

STA-DRY® Pigtails



Part No.	Description	Length	Qty.
36-6121	2 wire, (2) bullets	8"	2
36-7733	3 wire, plug-in, (1) ring & (2) blunt cut	11"	10
36-8623	2 wire, "AMP" style, (1) ring & (1) blunt cut	8"	10

- STA-DRY® pigtails have molded connections to protect against contaminants
- .180 bullets

For a complete listing of trailer harnesses, see our full line catalog.

Torches



Part No.	Description
4-054	Mini-jet torch, blister pack
4-055	Mini-jet torch, 2 clips strips w/ 6 clamshells per strip
4-057	Professional torch, box

- Waterproof ignition system
- Refillable tank
- Adjustable gas flow

For a complete listing of heat torches, see our full line catalog.